

CLAIMS

1. An information recording medium on which a first execution file is recorded in an uncopiable manner, wherein

said first execution file includes authenticating means for performing an authentication process with a second execution file, key obtaining means for obtaining unique key information unique to said first execution file, and transmitting means for transmitting said unique key information to said second execution file, and said first execution file is executed when said information recording medium is inserted into an information processing apparatus.

2. The information recording medium as claimed in claim 1, wherein

said unique key information is used to encrypt encryption key information for encrypting a content.

3. The information recording medium as claimed in claim 2, wherein

said second execution file or said content is recorded on said information recording medium, in said information processing apparatus, or in another information processing apparatus.

4. The information recording medium as claimed in

claim 3, wherein:

said content is recorded on said information recording medium;

said unique key information is used to encrypt encryption key information for encrypting signature information attached to said content; and

said transmitting means transmits said content to said second execution file on a basis of said signature information.

5. An information processing apparatus into which an information recording medium on which a first execution file is recorded in an uncopiable manner is inserted, said information processing apparatus comprising:

a second execution file for reproducing an encrypted content,

wherein said second execution file includes authenticating means for performing an authentication process with said first execution file, key generating means for generating encryption key information on a basis of unique key information obtained from said first execution file, decrypting means for decrypting said encrypted content using said encryption key information, and reproducing means for reproducing the decrypted said

content, and said second execution file is executed when said information recording medium is inserted.

6. The information processing apparatus as claimed in claim 5, wherein

said encrypted content is recorded on said information recording medium, in said information processing apparatus, or in another information processing apparatus.

7. The information processing apparatus as claimed in claim 6, wherein:

said encrypted content is recorded on said information recording medium;

said unique key information is used to encrypt encryption key information for encrypting signature information attached to said encrypted content; and

said second execution file has receiving means for receiving said encrypted content from said first execution file on a basis of said signature information.

8. An information processing method of an information processing apparatus into which apparatus an information recording medium on which a first execution file is recorded in an uncopyable manner is inserted, said information processing method comprising the steps of:

performing an authentication process with said first execution file;

generating encryption key information on a basis of unique key information obtained from said first execution file;

decrypting an encrypted content using said encryption key information; and

reproducing the decrypted said content.